

ABSTRACT OF THE DISCLOSURE

A method of manufacturing a light-conductive pipe is described comprising the steps of: forming a light pipe mold having an elongated cavity with two optical end faces and an opening for injecting molten material into the
5 cavity distant from either optical end face; providing molten material from a supply of molten material; injecting the molten material through the opening; and cooling and solidifying the molten material to form a light-conductive pipe having an input optical face and an output optical face connected by an elongated body of light-conductive material. Also described are injection molded light-pipes formed
10 by the method, and integrated linear arrays of injection molded light-conductive pipes formed by the method. Optical faceplates may be formed comprising multiple stacked integrated linear arrays of injection molded light-conductive pipes formed by the method, and tiled flat-panel display systems may comprise a plurality of modules aligned in an array, each module comprising a flat-panel
15 display having a plurality of pixels and such an optical faceplate.